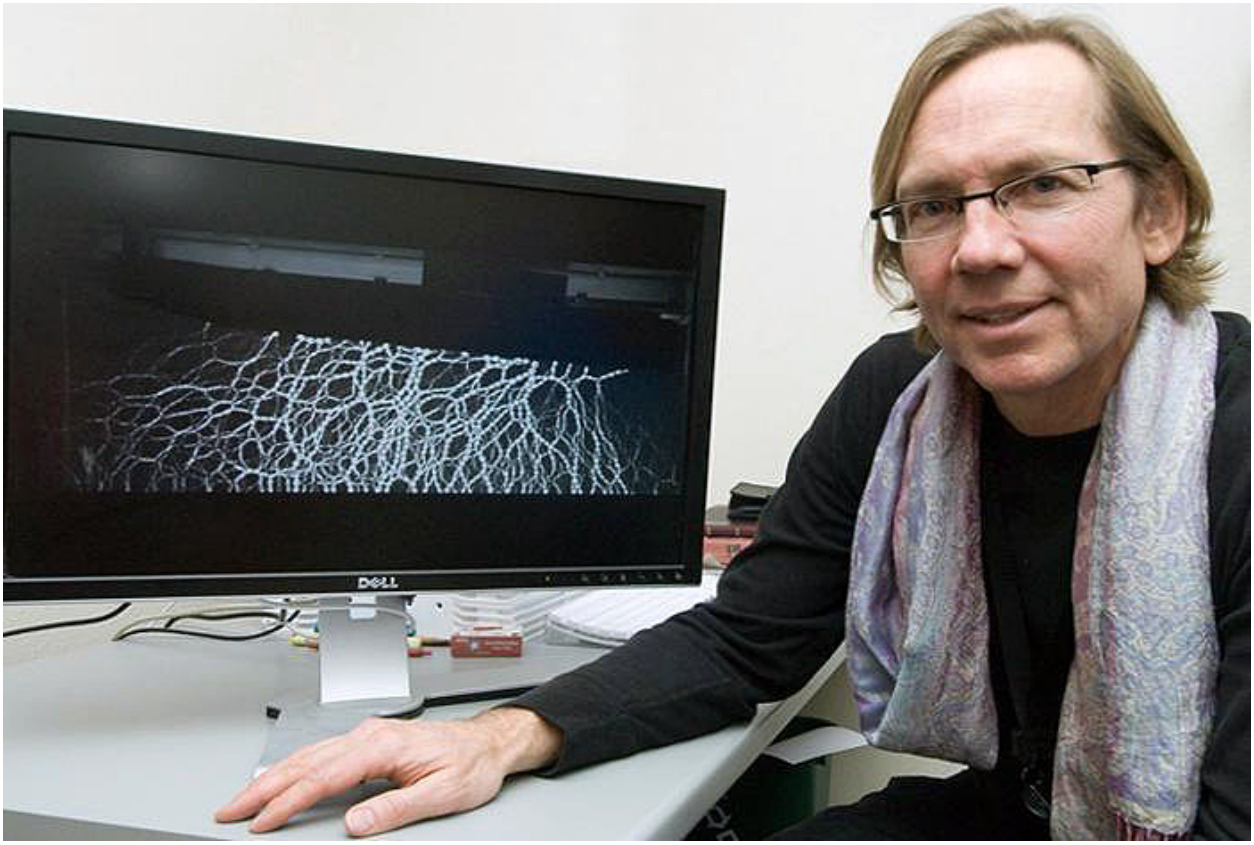
Earthquake triggering discussed in three Frontiers in Science lectures

November 6, 2014



Can earthquakes cause other earthquakes?

LOS ALAMOS, N.M., Nov. 6, 2014—Earthquakes and their possible causes is the topic of the next series of Frontiers in Science lectures by Paul Johnson of Los Alamos National Laboratory's Geophysics group. The first lecture is at 7 p.m. Nov. 12 at the New Mexico Museum of Natural History and Science, 1801 Mountain Road NW in Albuquerque.

"What is it that makes the Earth move under our feet?" Johnson asks. "How is it that earthquakes can cause other earthquakes? Can human activities also trigger earthquakes?"

Additional Frontiers in Science lectures at 7 p.m. are scheduled

- Nov. 17 at Crossroads Bible Church, 97 East Road, Los Alamos
- Nov. 18 in the James A. Little Theater New Mexico School for the Deaf, 1060 Cerrillos Road, Santa Fe.

Sponsored by the Fellows of Los Alamos National Laboratory, the Frontiers in Science Lecture Series is intended to increase local public awareness of the diversity of science and engineering research at the Laboratory.

Watch a YouTube video of Johnson discussing earthquake triggering.

About the speaker

Johnson is a Los Alamos National Laboratory Fellow and in 2011 was selected as an American Geophysical Union Fellow. He earned a doctoral degree in physical acoustics from the Université Pierre et Marie Curie at the Sorbonne, Paris. He also is a Fellow of the Acoustical Society of America and a Fulbright Scholar to France. He has worked at the Laboratory more than 35 years.

Johnson's research interests include nonlinear and disordered systems, seismic strong ground motion, general acoustics, rock physics, acoustical nondestructive testing of materials and time reverse acoustics in solids. Johnson's 120 published papers have been cited more than 4,000 times.